

Stereochemistry of organophosphorus compounds - Communication 10. Structure of 2,3-diphenyl- 4-diethoxyphosphono-5-cyano(and carbomethoxy)- isoxazolidines

Arbuzov B., Samitov Y., Dianova E., Lisin A.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The 1, 3-dipolar cycloaddition reaction of diethyl β -cyanovinylphosphonate and methyl 3-(diethylphosphono) acrylate with C,N-diphenylnitrone respectively gave trans-2,3-diphenyl-4-diethoxyphosphono-5-cyanoisoxazolidine and trans-2,3-diphenyl-4-diethoxyphosphono-5-carbomethoxyisoxazolidine. © 1976 Plenum Publishing Corporation.

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